

Converting Colors

XYZ(63.2518, 73.1403, 69.0780)

Have a look what the booklet for
XYZ(63.2518, 73.1403, 69.0780)
contains.

XYZ(63.5248, 73.4674, 69.2250)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(63.5248, 73.4674,
69.2250)**

Conversions

Conversions Part 1

Format	Color
Hex	C9E6CE
RGB	201, 230, 206
RGB Percent	79%, 90%, 81%
CMY	0.2118, 0.0980, 0.1922
CMYK	0.13, 0.00, 0.10, 0.10
HSL	130°, 37%, 85%
HSV	130°, 13%, 90%
XYZ	63.5248, 73.4674, 69.2250
YIQ	218.5930, -9.5800, -13.6120

Conversions

Conversions Part 2

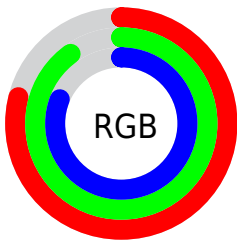
Format	Color
R_{YB}	201, 226, 230
Decimal	13231822
CIE Lab	88.67, -14.01, 8.49
CIE LCh	89, 16.379, 148.775
Yxy	73.4674, 0.3080, 0.3563
Android (android.graphics.Color)	4291421902 (0xFFC9E6CE)
YUV	218.5930, -6.2083, -15.4291
Hunter-Lab	85.7131, -17.7058, 12.1145

Details

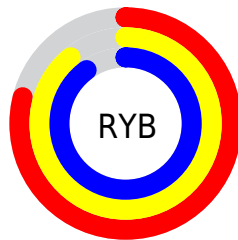
The XYZ color **63.5248, 73.4674, 69.2250** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **67.1130, 64.0343, 80.0603**, and the grayscale version is **67.0981, 70.5924, 76.8752**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.8362, 38.7421, 35.4531** is the 20% darker color. If you saturate the color by 10%, you get **55.6246, 69.6480, 57.5066**, and if you desaturate by 10%, it is **72.6350, 77.8824, 82.4651**.

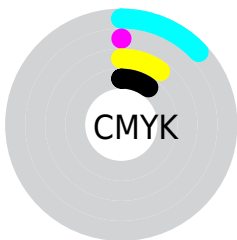
Distribution



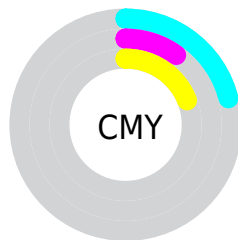
- Red (79%)
- Green (90%)
- Blue (81%)



- Red (79%)
- Yellow (89%)
- Blue (90%)



- Cyan (13%)
- Magenta (0%)
- Yellow (10%)
- Black (10%)



- Cyan (21%)
- Magenta (10%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.5248, 73.4674, 69.2250 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 63.5248, 73.4674, 69.2250 by changing the saturation by 10% instead.

63.5248, 73.4674,
69.2250

63.5248, 73.4674,
69.2250

427.1011,
472.6331, 476.5395

46.5261, 54.3582,
50.4221

109.0039,
124.1405, 119.7736

32.8676, 38.8881,
35.3754

138.2150,
156.4733, 152.3564

22.1838, 26.6727,
23.6663

172.2276,
193.9827, 190.3695

14.1094, 17.3276,
14.8764

211.4071,
237.0531, 234.2316

8.2790, 10.4683,
8.5870

256.1188,
286.0690, 284.3610

4.3273, 5.7106,
4.3797

306.7282,

1.8889, 2.6699,

341.4147, 341.1765

1.8359

363.6005,
403.4746, 405.0965

■ 0.5704, 0.9619,
0.4515

■ 0.0000, 0.0000,
0.0000

■ 63.5248, 73.4674,
69.2250

■ 63.5248, 73.4674,
69.2250

■ 55.6246, 69.6480,
57.5066

■ 72.6350, 77.8824,
82.4651

■ 48.8774, 66.3897,
47.2506

■ 82.9970, 82.9071,
97.2737

■ 43.2305, 63.6686,
38.4011

■ 87.5882, 85.0765,
106.4127

■ 38.6248, 61.4556,
30.8965

■ 34.9955, 59.7187,
24.6710

■ 32.2707, 58.4223,
19.6530

■ 30.3677, 57.5254,
15.7638

■ 29.1887, 56.9794,
12.9154

■ 28.6754, 56.7473,
11.4187

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.2312, 73.4674, 62.3805



63.5248, 73.4674, 69.2250



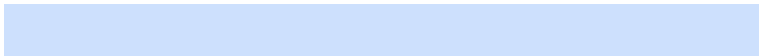
62.4976, 73.4674, 79.5286

Triad

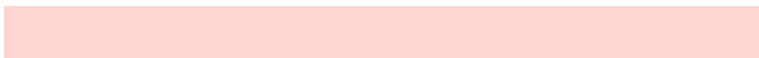
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.5248, 73.4674, 69.2250



69.6660, 73.4674, 103.8054



76.7092, 73.4674, 69.9603

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



63.5248, 73.4674, 69.2250



67.1130, 64.0343, 80.0603

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.7115, 73.4674, 80.4602



63.5248, 73.4674, 69.2250



73.5538, 73.4674, 100.6442

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63.5248, 73.4674, 69.2250



65.9596, 73.4674, 100.1023



76.5361, 73.4674, 91.8246



73.8459, 73.4674, 62.7760

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.5248, 73.4674, 69.2250



62.8726, 73.4674, 87.2104



76.5361, 73.4674, 91.8246



77.2796, 73.4674, 73.1861

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



63.5268, 73.4705, 69.2266



90.0669, 97.5847, 101.7276



69.9458, 76.8487, 66.4060



19.0836, 20.7929, 21.4928



0.0000, 0.0000, 0.0000



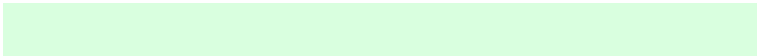
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.5268, 73.4705, 69.2266



77.6668, 91.5797, 83.6389



65.3490, 74.1994, 78.8222



14.2902, 16.1295, 15.7931



16.2644, 32.1379, 6.6267



1.2320, 2.3869, 0.6483

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



67.1130, 64.0343, 80.0603



82.9948, 77.5594, 99.7335



65.2382, 63.2844, 70.1876



14.8828, 14.5703, 17.5834



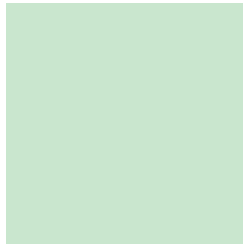
23.7987, 11.6537, 28.8987



1.7869, 0.8725, 2.2842

Previews

White Background



This preview shows how the XYZ color 63.5248, 73.4674, 69.2250 looks on a white background.

Color Contrast Check

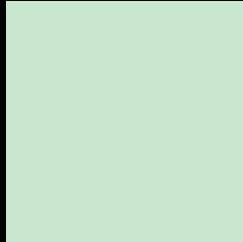
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 63.5248, 73.4674, 69.2250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

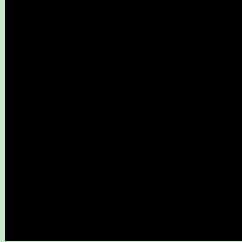
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

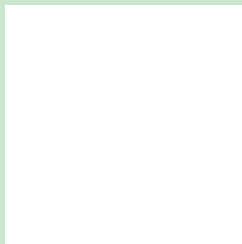
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.5248, 73.4674, 69.2250

Background



This preview shows how black text looks on a background with the XYZ color 63.5248, 73.4674, 69.2250.



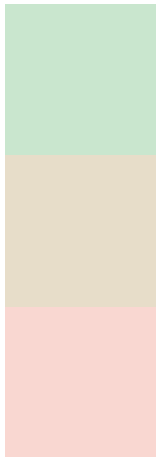
This preview shows how white text looks on a background with the XYZ color 63.5248, 73.4674,

69.2250.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

63.5248, 73.4674, 69.2250

Protanopia

69.3541, 72.9189, 65.6777

Deuteranopia

74.8760, 73.3441, 70.5320



Tritanopia

68.8350, 73.5869, 95.3697

Trichromacy



Original Color

63.5248, 73.4674, 69.2250

Protanomaly

66.9503, 72.8387, 67.0305

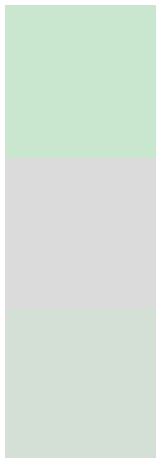
Deuteranomaly

70.2571, 72.8963, 70.0420

Tritanomaly

66.9289, 73.6305, 85.5475

Monochromacy



Original Color

63.5248, 73.4674, 69.2250

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

65.6767, 71.6274, 73.9823

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.5248, 73.4674, 69.2250 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(201, 230, 206)` looks like.

```
.text, #text, p{  
    color:rgb(201, 230, 206)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(201, 230, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 230, 206) }
```

Border

The CSS property to change the border of an element to XYZ 63.5248, 73.4674, 69.2250 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(201, 230, 206) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(201, 230, 206) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(201, 230, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 230, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 230, 206);  
box-shadow:4px 4px 4px 4px rgb(201, 230,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 63.5248, 73.4674, 69.2250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 230, 206) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(201,  
230, 206) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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